



**Environmental Quality Advisory Board  
7447 East Indian School Road, Suite 105  
Scottsdale, AZ**

**Wednesday, June 15, 2005**

**AMENDED MINUTES  
AS APPROVED AUGUST 17, 2005**

**CALL TO ORDER**

The regular meeting of the Environmental Quality Advisory Board was called to order by Chairman Basinger at 5:25 p.m. Mr. Person noted the presence of a quorum.

**ROLL CALL**

Members Present: Daniel Basinger (Chairman)  
Don Manthe (Vice-chairman)  
Michele Cohen  
Ron Hand  
Randy Nussbaum  
Brian Munson

Members Absent: Jay Spector

City Staff Present: Larry Person  
Michael Authement  
Chuck Skidmore/Facilities  
Anthony Floyd/Green Building Program

Other Attendees: Dave Hutchinson, DMB

**APPROVAL OF MINUTES**

Chairman Basinger noted that he and Mr. Person had edited the minutes of the May 18, 2005, meeting which had been circulated to Board members.

**BOARD MEMBER MUNSON MOVED TO APPROVE THE MINUTES OF THE MAY 18, 2005 MEETING AS EDITED BY MR. PERSON. VICE CHAIR MANTHE SECONDED THE MOTION. THE MOTION CARRIED UNANIMOUSLY.**

OLD BUSINESS

CITY PARKS RECYCLING UPDATE

Chair Basinger reported on behalf of Board Member Spector regarding the pilot recycling project at DC Ranch Park. Unusable material continues to be placed in the recycling bins. The stickers have not yet been placed on the container lids. Staff is to follow up on the status of the stickers.

NEW BUSINESS

APPOINTMENT OF GREEN BUILDING ADVISORY COMMITTEE MEMBERS

Board Member Cohen stated that four of the members of the Green Building Advisory Committee, whose terms are expiring, have applied for reappointment. The Committee elects to reappoint the following members: Nick Davis, Kevin Edwards, Beverly Westgaard, and Linda Eales. She expressed the Committees' gratitude to the those members whose terms are expiring, namely: Bill Heller, Tom Tahmassian and Richard Zimmerman.

After a review of all applications, the Committee elected to appoint the following new members: Lee Feliciano, Lance Donatello, and James McKay.

**VICE-CHAIR MANTHE MOVED THAT KEVIN EDWARDS, BEVERLY WESTGAARD, LINDA EALES, AND NICK DAVIS BE REAPPOINTED TO A TWO-YEAR TERM ON THE GREEN BUILDING COMMITTEE; AND THAT LEE FELICIANO, JAMES MCKAY, AND LANCE DONTATELLO BE APPOINTED TO A TWO YEAR TERM ON THE GREEN BUILDING COMMITTEE. BOARD MEMBER MUNSON SECONDED THE MOTION.**

A discussion ensued. Mr. Floyd noted that a record number of applications had been received, due to the fact that the Arizona chapter of the U.S. Green Building Council had sent out a notice about the Committee. Chair Basinger commented that it was exciting to welcome new blood unto the Committee.

**THE MOTION CARRIED UNANIMOUSLY.**

## REVISION OF EAC GUIDELINES TO CHANGE APPOINTMENT DATE TO DECEMBER

Chair Basinger explained that one change will be made to the EAC guidelines. The following sentence on page 2: "EQAB shall appoint up to 14 non-EQAB members for a two-year renewable term based on the City's fiscal calendar year July 1 through June 30." will be revised to state: "EQAB shall appoint up to 14 non-EQAB members for a two-year renewable term December 1 through November 30."

He explained that the revision is made in order to avoid appointing members to serve on two committees at the same time. He noted, furthermore, and that the members had been appointed in November 2004 and would otherwise be deprived of serving for a full term.

**VICE-CHAIR MANTHE MOVED TO ACCEPT THE REVISION TO THE EAC GUIDELINES. THE MOTION WAS SECONDED BY BOARD MEMBER HAND. THE MOTION CARRIED UNANIMOUSLY.**

NEXT MEETING - JULY OR AUGUST?

**BOARD MEMBER NUSSBAUM MOVED THAT THE JULY MEETING OF THE BOARD BE CANCELED AND THE BOARD RECONVENE FOR ITS NEXT REGULARLY SCHEDULED MEETING IN AUGUST. BOARD MEMBER COHEN SECONDED THE MOTION. THE MOTION CARRIED UNANIMOUSLY.**

### STANDING COMMITTEE REPORTS

#### GREEN BUILDING ADVISORY COMMITTEE REPORT

Board Member Cohen reported that the Design Day held on June 11th, 2005, had been a resounding success. Approximately 110 residents of the southern part of the city had received free consultations from a team of 25 volunteer design professionals including architects, landscapers and interior designers. The One-Stop Shop had a table with Internet access to be able to answer citizens' questions about zoning and setbacks. Water Conservation had a table, as did Green Building.

The Mayor had visited and made a point of personally thanking all of the vendors. Gary Morgan from the Housing Board volunteered to man the reception desk. Chris Harrison, Green Building Advisory Committee member and Molly Edwards of Citizens and Neighborhood Resources did a great job. Chair Basinger remarked that Board Member Cohen also deserved much of the credit for the success of the day. Grayhawk Development Corporation, Mr. Harrison's company, had graciously provided a hospitality suite with lunch for the designer volunteers.

Board Member Cohen added that 20 design professionals attended an evening meeting on Wednesday, June 8th to learn more about green building principals and City services. CNR provided a hospitality dinner for the attendees. She shared some citizen comment cards, which were positive and enthusiastic.

Chair Basinger shared his observations about the success of the Design Day and commented that it is having a ripple affect. Vice-chair Manthe noted that the testimonials from citizens were amazing. Board Member Cohen said that credit is due to the volunteer design professionals who gave up their free time to participate. The designers expressed that they were taking part to help citizens and did not want to use the Design Day event to promote their businesses.

Board Member Hand commented that the Mayor's visit made a very positive impression on participants. Mr. Person said he hoped that the effects of Design Day were being documented with before and after photos. Board Member Cohen noted that a debriefing meeting had been scheduled and would be conducted by Molly Edwards. Consideration is also being given to possibly presenting awards to recognize citizen's improvements. Cable 11 shot video footage which would be used to promote the next Design Day.

In response to a question from Vice-chair Manthe, Board Member Cohen reported that citizens called for appointments after an announcement appeared in the newspaper, and that in-fact, demand had exceeded supply. Mr. Person noted that funds were available in the budget for awards.

Board Member Hand announced that the Green Remodeling Guidelines were ready for publication. Advance copies were available at the Design Day. The publication will be available at the One-Stop Shop and online. He acknowledged the hard work of Mr. Floyd and Mr. Aiello and remarked at how proud they are of the endorsements the work has received. The National Association for the remodeling industry reviewed and endorsed the publication. This is the first time the Association has done this. Chair Basinger congratulated them on this achievement.

Board Member Cohen noted that planning meetings are being held every two weeks for the Green Building Expo, currently scheduled for September 23rd and 24th at the Scottsdale Center for the Performing Arts. Chair Basinger reported that an invitation has been extended to the design team from the ASU Foundation to make a presentation on their efforts of a green project. Mr. Worth will be invited to speak about LEED and development of City facilities.

Board Member Cohen noted that the final Green Building lecture before summer hiatus had been on the topic of feng shui and drew high attendance. The solar lectures will continue through the summer. The next lecture is scheduled for June 16th and will address the topic of solar water heating.

Board Member Cohen invited Board Member Munson to provide musical entertainment at the Expo.

Mr. Floyd noted that the Arizona Resource Exchange is now in operation. It is being sponsored by Earth 911 and the Arizona Environmental Strategic Alliance and ADEQ. Recycled building materials can be posted on the website. He distributed information to the Board Members.

Mr. Floyd informed the Board that a new building store, specializing in eco-friendly building materials, will soon open at Camelback and Miller. This is believed to be the first such business in the entire Valley.

He also reported that Vanguard Financial has broken ground on what is to be the first LEED commercial building in the City. The Mayor attended the ceremony. Liberty Property Trust of Philadelphia is the contractor and has expressed great enthusiasm about building a green building in Scottsdale. Some synergy appears to be happening.

Chair Basinger noted that Councilors Osterman and Littlefield attended Design Day. He also mentioned that a number of senior City staff recognize that green construction momentum continues to increase and Scottsdale is emerging as a hub of green activity. He thanked Mr. Floyd for his work in this regard.

Mr. Floyd mentioned that the current issue of Building Standards magazine contained an article on Scottsdale. Board Member Hand added that the article had been written by Mr. Floyd. He also noted that David Eisenberg of Tucson is the head of the International Council of Code Officials and has been active in sustainable construction technologies for many years.

## WATER ADVISORY COMMITTEE

Board Member Munson reported that the Water Quality Report had been mailed out to citizens.

The Water Department is planning to present two additional rebate programs to Council with the water conservation package. One of the initiatives is for turf removal: 25 cents per square foot up to a maximum of \$1,500. A second option includes installation of low water use plant materials for the same limits.

A similar rebate program with a \$3,000 limit is under consideration for commercial properties. A landscape irrigation controller rebate program is also being planned, which will allow up to \$250 per unit. The proposed initiatives will be presented to Council on June 28th or July 5th.

Vice-chair Manthe advised the Board that a summit on sustainable water resources for Arizona is scheduled for August 2nd and 3rd in Flagstaff. Co-sponsors are ASU, NAU, U of A, SRP, APS, all of the tribes, and USGS. He undertook to forward the

e-mail announcement to members. He welcomed this state-wide initiative which had grown from last year's Arizona Town Hall Meeting.

Board Member Cohen commented that citizens who were renovating their yards as a result of the Design Day would be interested to know of the new rebates. Board Member Munson said he would check with Dave Mansfield to see if the Water Department was preparing a brochure about the rebate programs. Vice-chair Manthe noted that city officials were increasingly aware of conservation programs. Board Member Munson suggested that he, Chair Basinger and Vice-chair Manthe might write a letter of support to the Water Department in their quest to provide incentives for water conservation.

**BOARD MEMBER MUNSON MOVED THAT CHAIR BASINGER, VICE-CHAIR MANTHE AND HE CRAFT A LETTER IN SUPPORT OF THEIR EFFORTS THAT COULD BE PROVIDED TO THE WATER DEPARTMENT, AND INCLUDED IN THEIR PACKAGE TO CITY COUNCIL. SECONDED BY BOARD MEMBER HAND. THE MOTION CARRIED UNANIMOUSLY.**

A discussion ensued regarding water harvesting and gray water reclamation. Mr. Floyd commented that if individuals were allowed to recycle gray water for irrigation, the effect on the water campus would be minimal and it would significantly reduce the use of potable water for irrigation. Vice-chair Manthe added that waste water from south Scottsdale currently does not go to the water campus. Permitting individual recycling would be a low-cost measure with benefits that greatly outweigh any impact on the water campus reclamation. Board Member Munson noted that some large lots in north Scottsdale may be developed using septic systems, and that these homes would be obvious candidates for gray water harvesting. Vice-chair Manthe said that the potential savings from harvesting gray water for irrigation were amazing. Using potable water for yards was very costly.

Board Member Munson shared a brief history of water reclamation in the Valley. The law states that the agency that treats the water owns it. In the past decade, various cities had recognized the value of the waste water and started keeping it. Phoenix had experienced problems as a higher proportion of solid waste reached the treatment plant. More recently, the Phoenix plant had been refitted to treat solid waste.

Vice-chair Manthe noted that other cities were now charged based on the percentage of solid waste in the effluent they sent for treatment. He said that the biggest re-user of the treated water from the Phoenix plant is the nuclear power plant where it was used for cooling. The eventual decommissioning of the nuclear plant would free up large amounts of treated water for alternate uses.

Chair Basinger commented that this was a great example of intergovernmental cooperation. He stated that he planned to address Council at the meeting in support of the proposed rebate program and invited fellow Board members to do the same.

## ENERGY ADVISORY COMMITTEE

Mr. Skidmore noted that attendance at Committee meetings was low. Committee members were very busy and meetings were held during working hours, making it hard to get good attendance. Members had suggested lunchtime meetings to improve attendance. Mr. Person recommended allowing teleconferencing.

Mr. Skidmore reported that the Committee has identified a strategic energy plan for the City as a good project. He noted that this was a major undertaking. Once an outline has been written, the work will be broken up among different committees. A well-executed project could serve as a model for other cities.

Mr. Person added that he and Mr. Authement had been working on the EMS audit walkthroughs of City facilities. They were looking at the existing energy policy, which was recognized as grossly inadequate. Once the new energy plan was written, the annual walkthroughs would provide a mechanism for implementation.

With regard to the new Senior Center, Mr. Skidmore reported that there are some contractual issues with the energy suppliers that were currently being dealt with. Prices of solar systems were rising and are on the rise due to increased demand from Europe.

Mr. Floyd recalled that Pitkin County in Colorado, including the city of Aspen, had a renewable energy mitigation program for some years. Those who used a large amount of energy paid more in the form of a resource fee. Proceeds from the program were used to promote renewable energy and energy efficiency measures for low-income residents. Mr. Floyd suggested that perhaps a similar program might be considered in Scottsdale in view of the construction of large homes.

## UPDATES AND REMINDERS

The next solar lecture series is scheduled for June 16th. The topic was "Technologies: Water, Meeting Human Needs and Comfort."

The 2005 Green Building Expo is scheduled for Friday and Saturday, September 23rd and 24th at the Scottsdale Center for Performing Arts.

The next Electronics Recycling Day is scheduled for October 15th.

The next Household Hazardous Waste Collection Day is scheduled for November 5th.

The next Board meeting is August 17th.

## BOARD MEMBER DISCUSSION OF ENVIRONMENTAL TOPICS

Board Member Nussbaum told the meeting that at an unrelated function he had a conversation with Ms. Natalie Lewis, Assistant to Mayor and Council. The Mayor's office and Council now perceived the Board to be one of the most effective in the City. The Board has made positive strides forward in the past few years and Board members should be proud of themselves because their input was now valued and taken seriously. He added that Ms. Lewis had volunteered these comments of her own accord.

Mr. Hutchinson shared that he had been at the Urban Land Institute Master Planned Communities conference in Denver. This conference was a major event in the industry. He expressed that sustainability is becoming increasingly significant in development and that awareness of the issues had percolated through the industry. Finally, the industry as a whole has recognized the importance of sustainability. Board Member Nussbaum reminded the meeting that Mr. Hutchinson worked for an important group relative to growth in the community.

Mr. Person said that he perceived the City's greatest current challenges are sustainable growth and energy issues. As the community becomes a redeveloping urban community instead of a developing community, these issues needed to be addressed rapidly by the Board and the community to ensure that Scottsdale's quality of life continues at its current level. He opined that the Board could take a leadership role in directing policy.

Chair Basinger suggested that if Mr. Hutchinson wished to make a presentation to the Board, he would entertain putting it on the agenda. Mr. Hutchinson replied that he had a lot of information to share.

## ADJOURNMENT

Being duly moved and seconded, the regular meeting of the Environmental Quality Advisory Board was adjourned at 6:46 p.m.

Respectfully submitted,  
Ruth Bahri  
AV-Tronics